

Client: Barnes & Thornburg

Project: Lane Street

Location: Elkhart, IN

Date: 9/5/2012

Project Number: 11-10378-50

Surveyed (check if Yes): ☒

TOC Elevation = 767.34

X = 4285.5777

Y = 4368.2268

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
				Ground Surface <i>(Elev. =</i>		0	
0-2				TOPSOIL		2	
2-5				SILTY MEDIUM SAND Silt 20% and Medium Sand 80%. Dusky yellowish brown (10YR 2/2).		4	
5-7				FINE/MEDIUM SAND Fine Sand 90% and Medium Sand 10%. Moderate brown (5YR 3/4) to moderate yellowish brown (10YR 5/4). Wet at 5.25'. Some Silt at 6-6.5'.		6	
7-10				COARSE/MEDIUM/FINE SAND Fine Sand 40%, Coarse Sand 10%, and Medium Sand 50%. Moderate yellowish brown (10YR 5/4). More Fine Sand and less Medium Sand at 10-15'.		8	
10-12						10	
12-15						12	
15-17						14	
17-20				MEDIUM/FINE/COARSE SAND Coarse Sand 30%, Medium Sand 60%, and Fine Sand 10%. Trace amount of Gravel. Moderate yellowish brown (10YR 5/4).		16	
20-22				COARSE SAND/GRAVEL Gravel 10-20%, Coarse Sand 30%, Medium Sand 30%, and Fine Sand 30%. Some Iron stains at 20-21'.		18	
22-25				Less amounts of Gravel at 23-24.5'. Change to gray at 25'.		20	
25-27						22	
27-30						24	
						26	
						28	
						30	
Geology description taken from previous Geoprobe boring done on November 9, 2011.				End of Boring		32	
				Ground Water Sample Submitted for Lab Analysis.			

Client: Barnes & Thornburg

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Surveyed (check if Yes): ☒

TOC Elevation = 767.35

X = 4286.2970

Y = 4367.7909

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
				Ground Surface (Elev. =		0	
0-2				TOPSOIL		2	
2-5				SILTY MEDIUM SAND Silt 20% and Medium Sand 80%. Dusky yellowish brown (10YR 2/2).		4	
5-7				FINE/MEDIUM SAND Fine Sand 90% and Medium Sand 10%. Moderate brown (5YR 3/4) to moderate yellowish brown (10YR 5/4). Wet at 5.25'. Some Silt at 6-6.5'.		6	
7-10				COARSE/MEDIUM/FINE SAND Fine Sand 40%, Coarse Sand 10%, and Medium Sand 50%. Moderate yellowish brown (10YR 5/4). More Fine Sand and less Medium Sand at 10-15'.		8	
10-12						10	
12-15						12	
15-17						14	
17-20				MEDIUM/FINE/COARSE SAND Coarse Sand 30%, Medium Sand 60%, and Fine Sand 10%. Trace amount of Gravel. Moderate yellowish brown (10YR 5/4).		16	
20-22				COARSE SAND/GRAVEL Gravel 10-20%, Coarse Sand 30%, Medium Sand 30%, and Fine Sand 30%. Some Iron stains at 20-21'.		18	
22-25				Less amounts of Gravel at 23-24.5'. Change to gray at 25'.		20	
25-27						22	
27-30						24	
						26	
						28	
						30	
Geology description taken from previous Geoprobe boring done on November 9, 2011.				End of Boring		32	
				Ground Water Sample Submitted for Lab Analysis.			

Client: Barnes & Thornburg

Project: Lane Street

Location: Elkhart, IN

Date: 9/6/2012

Project Number: 11-10378-50

Surveyed (check if Yes): ☒

TOC Elevation = 767.61

X = 4282.3669

Y = 4246.4648

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
				Ground Surface <i>(Elev. =</i>		0	
0-2	8:26	90	0.0	SILTY MEDIUM/FINE SAND Silt 30% with Medium and Fine Sand. Some Gravel. Moderate brown (5YR 3/4).		2	
2-5	8:27	90	0.0	SILTY MEDIUM/FINE SAND Silt 20-30% with Medium and Fine Sand. Moderate yellowish brown (10YR 5/4). Some Topsoil intermixed. An 8" layer of Topsoil at 2.5'.		4	
5-7	8:32	90	0.0	FINE/MEDIUM SAND Fine Sand 70% and Medium Sand 30%. Some Silt. Moderate yellowish brown (10YR 5/4). Wet at 5.5-5.75'.		6	
7-10	8:33	90	0.0	Moderate yellowish brown (10YR 5/4) to pale yellowish brown (10YR 6/2) from 6-10'.		8	
10-12	8:40	60	0.6	Some Iron stains at 7.5'. Medium Sand 40% at 10-14'.		10	
12-15	8:41	60	0.4			12	
15-17	8:51	90	0.4	COARSE SAND/GRAVEL Gravel 10%, Fine Sand 30%, Coarse Sand 30%, and Medium Sand 30%. Gray to pale yellowish brown (10YR 6/2). Some angular Coarse Sand and Gravel.		14	
17-20	8:52	90	0.2	Gravel 20% at 17.5-18.5'.		16	
20-22	9:02	80	0.3	MEDIUM/FINE SAND Medium Sand 40% and Fine Sand 60%. Trace amount of Coarse Sand. Gray to pale yellowish brown (10YR 6/2).		18	
22-25	9:03	80	0.5	COARSE SAND/GRAVEL Gravel 10-20% and Coarse Sand 80%, with Fine/Medium Sand.		20	
25-27	9:15	70	0.5	A 0.25" black layer at 24'.		22	
27-30	9:16	70	0.6	Gravel 30% at 28.5-30'.		24	
				End of Boring		26	
				Ground Water Sample Submitted for Lab Analysis.		28	
						30	
						32	

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Date: 9/6/2012

Project Number: 11-10378-50

Surveyed (check if Yes): ☒

TOC Elevation = 767.64

X = 4284.5331

Y = 4245.0990

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
				Ground Surface <i>(Elev. =</i>		0	
0-2	8:26	90	0.0	SILTY MEDIUM/FINE SAND Silt 30% with Medium and Fine Sand. Some Gravel. Moderate brown (5YR 3/4).		2	
2-5	8:27	90	0.0	SILTY MEDIUM/FINE SAND Silt 20-30% with Medium and Fine Sand. Moderate yellowish brown (10YR 5/4). Some Topsoil intermixed. An 8" layer of Topsoil at 2.5'.		4	
5-7	8:32	90	0.0	FINE/MEDIUM SAND Fine Sand 70% and Medium Sand 30%. Some Silt. Moderate yellowish brown (10YR 5/4). Wet at 5.5-5.75'.		6	
7-10	8:33	90	0.0	Moderate yellowish brown (10YR 5/4) to pale yellowish brown (10YR 6/2) from 6-10'.		8	
10-12	8:40	60	0.6	Some Iron stains at 7.5'. Medium Sand 40% at 10-14'.		10	
12-15	8:41	60	0.4			12	
15-17	8:51	90	0.4	COARSE SAND/GRAVEL Gravel 10%, Fine Sand 30%, Coarse Sand 30%, and Medium Sand 30%. Gray to pale yellowish brown (10YR 6/2). Some angular Coarse Sand and Gravel.		14	
17-20	8:52	90	0.2	Gravel 20% at 17.5-18.5'.		16	
20-22	9:02	80	0.3	MEDIUM/FINE SAND Medium Sand 40% and Fine Sand 60%. Trace amount of Coarse Sand. Gray to pale yellowish brown (10YR 6/2).		18	
22-25	9:03	80	0.5	COARSE SAND/GRAVEL Gravel 10-20% and Coarse Sand 80%, with Fine/Medium Sand.		20	
25-27	9:15	70	0.5	A 0.25" black layer at 24'.		22	
27-30	9:16	70	0.6	Gravel 30% at 28.5-30'.		24	
				End of Boring		26	
				Ground Water Sample Submitted for Lab Analysis.		28	
						30	
						32	

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Date: 9/6/2012

Project Number: 11-10378-50

Surveyed (check if Yes): ☒

TOC Elevation = 767.58

X = 4283.4196

Y = 4245.7121

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
				Ground Surface <i>(Elev. =</i>		0	
0-2	8:26	90	0.0	SILTY MEDIUM/FINE SAND Silt 30% with Medium and Fine Sand. Some Gravel. Moderate brown (5YR 3/4).		2	
2-5	8:27	90	0.0	SILTY MEDIUM/FINE SAND Silt 20-30% with Medium and Fine Sand. Moderate yellowish brown (10YR 5/4). Some Topsoil intermixed. An 8" layer of Topsoil at 2.5'.		4	
5-7	8:32	90	0.0	FINE/MEDIUM SAND Fine Sand 70% and Medium Sand 30%. Some Silt. Moderate yellowish brown (10YR 5/4). Wet at 5.5-5.75'.		6	
7-10	8:33	90	0.0	Moderate yellowish brown (10YR 5/4) to pale yellowish brown (10YR 6/2) from 6-10'.		8	
10-12	8:40	60	0.6	Some Iron stains at 7.5'. Medium Sand 40% at 10-14'.		10	
12-15	8:41	60	0.4			12	
15-17	8:51	90	0.4	COARSE SAND/GRAVEL Gravel 10%, Fine Sand 30%, Coarse Sand 30%, and Medium Sand 30%. Gray to pale yellowish brown (10YR 6/2). Some angular Coarse Sand and Gravel.		14	
17-20	8:52	90	0.2	Gravel 20% at 17.5-18.5'.		16	
20-22	9:02	80	0.3	MEDIUM/FINE SAND Medium Sand 40% and Fine Sand 60%. Trace amount of Coarse Sand. Gray to pale yellowish brown (10YR 6/2).		18	
22-25	9:03	80	0.5	COARSE SAND/GRAVEL Gravel 10-20% and Coarse Sand 80%, with Fine/Medium Sand.		20	
25-27	9:15	70	0.5	A 0.25" black layer at 24'.		22	
27-30	9:16	70	0.6	Gravel 30% at 28.5-30'.		24	
				End of Boring		26	
				Ground Water Sample Submitted for Lab Analysis.		28	
						30	
						32	

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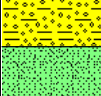






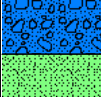
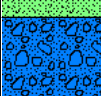


Project Number: 11-10378-50

Surveyed (check if Yes): ☒

TOC Elevation = 767.65

X = 4283.9542

Y = 4248.8295

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
				Ground Surface <i>(Elev. =</i>		0	
0-2	8:26	90	0.0	SILTY MEDIUM/FINE SAND Silt 30% with Medium and Fine Sand. Some Gravel. Moderate brown (5YR 3/4).		2	
2-5	8:27	90	0.0	SILTY MEDIUM/FINE SAND Silt 20-30% with Medium and Fine Sand. Moderate yellowish brown (10YR 5/4). Some Topsoil intermixed. An 8" layer of Topsoil at 2.5'.		4	
5-7	8:32	90	0.0	FINE/MEDIUM SAND Fine Sand 70% and Medium Sand 30%. Some Silt. Moderate yellowish brown (10YR 5/4). Wet at 5.5-5.75'.		6	
7-10	8:33	90	0.0	Moderate yellowish brown (10YR 5/4) to pale yellowish brown (10YR 6/2) from 6-10'.		8	
10-12	8:40	60	0.6	Some Iron stains at 7.5'. Medium Sand 40% at 10-14'.		10	
12-15	8:41	60	0.4			12	
15-17	8:51	90	0.4	COARSE SAND/GRAVEL Gravel 10%, Fine Sand 30%, Coarse Sand 30%, and Medium Sand 30%. Gray to pale yellowish brown (10YR 6/2). Some angular Coarse Sand and Gravel.		14	
17-20	8:52	90	0.2	Gravel 20% at 17.5-18.5'.		16	
20-22	9:02	80	0.3	MEDIUM/FINE SAND Medium Sand 40% and Fine Sand 60%. Trace amount of Coarse Sand. Gray to pale yellowish brown (10YR 6/2).		18	
22-25	9:03	80	0.5	COARSE SAND/GRAVEL Gravel 10-20% and Coarse Sand 80%, with Fine/Medium Sand.		20	
25-27	9:15	70	0.5	A 0.25" black layer at 24'.		22	
27-30	9:16	70	0.6	Gravel 30% at 28.5-30'.		24	
				End of Boring		26	
				Ground Water Sample Submitted for Lab Analysis.		28	
						30	
						32	

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Surveyed (check if Yes): ☒

TOC Elevation = 768.57

X = 4240.1996

Y = 4278.6862

SAMPLE INFORMATION				SUBSURFACE PROFILE		Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	
				Ground Surface (Elev. =		
0-2	9:38	90	0.0	TOPSOIL Silt 60% and Fine Sand 40%. Dusky yellowish brown (10YR 2/2). Moist to dry.		
2-5	9:39	90	0.0			
				SILTY MEDIUM/FINE SAND Silt 20-30% with Medium and Fine Sand. Moderate yellowish brown (10YR 5/4).		
5-7	9:43	80	0.0			
				FINE/MEDIUM SAND Fine Sand 50% and Medium Sand 50%. Trace amount of Coarse Sand. Moderate yellowish brown (10YR 5/4). Some Iron stains at 5-7'. Wet at 7.75'. At 9-10', Medium Sand 80%. From 10-15.5', Fine Sand 70% and Medium Sand 30%.		
7-10	9:44	80	0.1			
10-12	9:49	80	0.1			
12-15	9:50	80	0.2			
15-17	9:57	60	0.2			
				COARSE SAND/GRAVEL Gravel 20%, Fine Sand 20%, Coarse Sand 30%, and Medium Sand 30%. Pale yellowish brown (10YR 6/2).		
17-20	9:58	60	0.5			
20-22	10:05	70	0.1			
				MEDIUM/FINE SAND Medium Sand 30% and Fine Sand 70%. Moderate yellowish brown (10YR 5/4) to pale yellowish brown (10YR 6/2).		
22-25	10:06	70	0.2			
				COARSE SAND/GRAVEL At 24.25-25.95', Gravel 30-40%, with Fine/Medium Sand. At 29.5-30', Gravel 30-40%. All Gray 26-30'.		
25-27	10:18	70	0.1			
27-30	10:19	70	0.4			
				End of Boring <i>Ground Water Sample Submitted for Lab Analysis.</i>		

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Surveyed (check if Yes): ☒

TOC Elevation = 768.49

X = 4242.4448

Y = 4277.9563

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
				Ground Surface <i>(Elev. =</i>		0	
0-2	9:38	90	0.0	TOPSOIL Silt 60% and Fine Sand 40%. Dusky yellowish brown (10YR 2/2). Moist to dry.		2	
2-5	9:39	90	0.0	SILTY MEDIUM/FINE SAND Silt 20-30% with Medium and Fine Sand. Moderate yellowish brown (10YR 5/4).		4	
5-7	9:43	80	0.0			6	
7-10	9:44	80	0.1	FINE/MEDIUM SAND Fine Sand 50% and Medium Sand 50%. Trace amount of Coarse Sand. Moderate yellowish brown (10YR 5/4). Some Iron stains at 5-7'. Wet at 7.75'. At 9-10', Medium Sand 80%. From 10-15.5', Fine Sand 70% and Medium Sand 30%.		8	
10-12	9:49	80	0.1			10	
12-15	9:50	80	0.2			12	
15-17	9:57	60	0.2			14	
17-20	9:58	60	0.5	COARSE SAND/GRAVEL Gravel 20%, Fine Sand 20%, Coarse Sand 30%, and Medium Sand 30%. Pale yellowish brown (10YR 6/2).		16	
20-22	10:05	70	0.1	MEDIUM/FINE SAND Medium Sand 30% and Fine Sand 70%. Moderate yellowish brown (10YR 5/4) to pale yellowish brown (10YR 6/2).		18	
22-25	10:06	70	0.2			20	
25-27	10:18	70	0.1	COARSE SAND/GRAVEL At 24.25-25.95, Gravel 30-40%, with Fine/Medium Sand. At 29.5-30', Gravel 30-40%. All Gray 26-30'.		22	
27-30	10:19	70	0.4			24	
						26	
						28	
						30	
				End of Boring		32	
				Ground Water Sample Submitted for Lab Analysis.			

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Date: 9/5/2012

Project Number: 11-10378-50

Surveyed (check if Yes): ☒

TOC Elevation = 768.50

X = 4241.3571

Y = 4278.3900

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
				Ground Surface <i>(Elev. =</i>		0	
0-2	9:38	90	0.0	TOPSOIL Silt 60% and Fine Sand 40%. Dusky yellowish brown (10YR 2/2). Moist to dry.		2	
2-5	9:39	90	0.0	SILTY MEDIUM/FINE SAND Silt 20-30% with Medium and Fine Sand. Moderate yellowish brown (10YR 5/4).		4	
5-7	9:43	80	0.0			6	
7-10	9:44	80	0.1	FINE/MEDIUM SAND Fine Sand 50% and Medium Sand 50%. Trace amount of Coarse Sand. Moderate yellowish brown (10YR 5/4). Some Iron stains at 5-7'. Wet at 7.75'. At 9-10', Medium Sand 80%. From 10-15.5', Fine Sand 70% and Medium Sand 30%.		8	
10-12	9:49	80	0.1			10	
12-15	9:50	80	0.2			12	
15-17	9:57	60	0.2			14	
17-20	9:58	60	0.5	COARSE SAND/GRAVEL Gravel 20%, Fine Sand 20%, Coarse Sand 30%, and Medium Sand 30%. Pale yellowish brown (10YR 6/2).		16	
20-22	10:05	70	0.1	MEDIUM/FINE SAND Medium Sand 30% and Fine Sand 70%. Moderate yellowish brown (10YR 5/4) to pale yellowish brown (10YR 6/2).		18	
22-25	10:06	70	0.2			20	
25-27	10:18	70	0.1	COARSE SAND/GRAVEL At 24.25-25.95, Gravel 30-40%, with Fine/Medium Sand. At 29.5-30', Gravel 30-40%. All Gray 26-30'.		22	
27-30	10:19	70	0.4			24	
				End of Boring <i>Ground Water Sample Submitted for Lab Analysis.</i>		26	
						28	
						30	
						32	

Client: Barnes & Thornburg

Project: Lane Street

Location: Elkhart, IN

Date: 9/5/2012

Project Number: 11-10378-50

Surveyed (check if Yes): ☒

TOC Elevation = 768.40

X = 4243.1250

Y = 4280.2357

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
				Ground Surface <i>(Elev. =</i>		0	
0-2	9:38	90	0.0	TOPSOIL Silt 60% and Fine Sand 40%. Dusky yellowish brown (10YR 2/2). Moist to dry.		2	
2-5	9:39	90	0.0	SILTY MEDIUM/FINE SAND Silt 20-30% with Medium and Fine Sand. Moderate yellowish brown (10YR 5/4).		4	
5-7	9:43	80	0.0			6	
7-10	9:44	80	0.1	FINE/MEDIUM SAND Fine Sand 50% and Medium Sand 50%. Trace amount of Coarse Sand. Moderate yellowish brown (10YR 5/4). Some Iron stains at 5-7'. Wet at 7.75'. At 9-10', Medium Sand 80%. From 10-15.5', Fine Sand 70% and Medium Sand 30%.		8	
10-12	9:49	80	0.1			10	
12-15	9:50	80	0.2			12	
15-17	9:57	60	0.2			14	
17-20	9:58	60	0.5	COARSE SAND/GRAVEL Gravel 20%, Fine Sand 20%, Coarse Sand 30%, and Medium Sand 30%. Pale yellowish brown (10YR 6/2).		16	
20-22	10:05	70	0.1	MEDIUM/FINE SAND Medium Sand 30% and Fine Sand 70%. Moderate yellowish brown (10YR 5/4) to pale yellowish brown (10YR 6/2).		18	
22-25	10:06	70	0.2			20	
25-27	10:18	70	0.1	COARSE SAND/GRAVEL At 24.25-25.95, Gravel 30-40%, with Fine/Medium Sand. At 29.5-30', Gravel 30-40%. All Gray 26-30'.		22	
27-30	10:19	70	0.4			24	
				End of Boring		26	
				Ground Water Sample Submitted for Lab Analysis.		28	
						30	
						32	